

POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby appoint:

☒ Practitioners associated with the Customer Number

20350

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number |
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as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

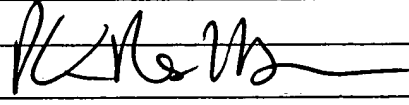
Assignee Name and Address:

Governors of the University of Alberta
 222 Campus Tower
 8625 -112th Street
 Edmonton, Alberta, Canada T6G 2E1

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

| | | | | | |
|-----------|---|-------------------------------------------------------------------------------------|-----------|---|--------------|
| Name | X |  | Date | X | July 07/04 |
| Signature | X | | Telephone | X | 780-492-8977 |
| Title | X | | | | |

Dr. Peter Robertson
Associate Vice-President
(Research/Industry Relations)
CEO, TEC EDMONTON
UNIVERSITY of ALBERTA

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Assignee Name and Address:

Neose Technologies, Inc.
102 Witmer Road
Horsham, Pennsylvania, USA 19044

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SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

| | | | |
|-----------|-----------------------|-----------|--------------|
| Name | Debra J. Poul | | |
| Signature | <i>[Signature]</i> | Date | 3/31/04 |
| Title | Senior Vice President | Telephone | 215-315-9007 |

NEOSE TECHNOLOGIES, INC.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Joanne Simala-Grant, Diane Taylor, Karl F. Johnson and Daniel James BezilaApplication No./Patent No.: 10/764,212Filed/Issue Date: January 22, 2004Entitled: H. PYLORI FUCOSYLTRANSFERASESNeose Technologies, Inc., a corporation,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☒ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014680 Frame 0652, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

3/31/04
Date

215-315-9007
Telephone number

Nebrha J. Powl
Typed or printed name

Diana
Signature

Senior Vice President
Title

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Joanne Simala-Grant, Diane Taylor, Karl F. Johnson and Daniel James BezilaApplication No./Patent No.: 10/764,212Filed/Issue Date: January 22, 2004Entitled: H. PYLORI FUCOSYLTRANSFERASESGovernors of the University of Alberta., a university,

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

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2. From: _____ To : _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

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The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 7/04
Date
780-492-8977
Telephone number

X _____
Typed or printed name
X [Signature]
Signature

Dr. Peter Robertson
Associate Vice-President
(Research/Industry Relations)
CEO, TEC EDMONTON
UNIVERSITY of ALBERTA